CONTENTS
VOLUME 59, 1989

AHDOUT, SHAHLA. Fanning curves of Lagrangian manifolds and geodesic flows 537

BOMBIERI, E. AND PILA, J. The number of integral points on arcs and ovals 337

BRYLINSKI, JEAN-LUC. Heights for local systems on curves 1

CARAYOL, HENRI. Sur les représentations Galoisiennes modulo ℓ attachees aux formes modulaires 785

CARBERY, ANTHONY; CHRIST, MICHAEL; VANCE, JAMES; WAINGER, STEPHEN; AND WATSON, DAVID K. Operators associated to flat plane curves: L^p estimates via dilation methods 675

CHRIST, MICHAEL; CARBERY, ANTHONY; VANCE, JAMES; WAINGER, STEPHEN; AND WATSON, DAVID K. Operators associated to flat plane curves: L^p estimates via dilation methods 675

CLEMENS, HERB. The infinitesimal Abel-Jacobi mapping and moving the $\mathcal{O}(2) + \mathcal{O}(-4)$ curve 233

COBOS, FERNANDO AND KÜHN, THOMAS. On a conjecture of Barry Simon on trace ideals 295

DIAZ, STEVEN; DONAGI, RON; AND HARBATER, DAVID. Every curve is a Hurwitz space 737

DONAGI, RON; DIAZ, STEVEN; AND HARBATER, DAVID. Every curve is a Hurwitz space 737

FABES, EUGENE B; GAROFALO, NICOLA; AND LANCONELLI, ERMANNO. Wiener's criterion for divergence form parabolic operators with C^1-dini continuous coefficients 191

GAROFALO, NICOLA; FABES, EUGENE B; AND LANCONELLI, ERMANNO. Wiener's criterion for divergence form parabolic operators with C^1-dini continuous coefficients 191

HARBATER, DAVID; DIAZ, STEVEN; AND DONAGI, RON. Every curve is a Hurwitz space 737

HAYES, SANDRA AND POURCIN, GENEVIÈVE. Dimension of holomorphic extensions of complex spaces 301

HERBST, IRA W. AND ZHAO, ZHONGXIN. Green's functions for the Schrödinger equation with short-range potentials 475

HIMONAS, ALEXANDROU A. Simirigid partial differential operators and microlocal analytic hypoellipticity 265

HOFFMAN, JEROME WILLIAM. On Kollár's vanishing theorems, I 521

HOFFSTEIN, J. AND JOCHNOWITZ, N. On Artin's conjecture and the class number of certain CM fields, I 553

HOFFSTEIN, J. AND JOCHNOWITZ, N. On Artin's conjecture and the class number of certain CM fields, II 565

CONTENTS
VOLUME 59, 1989

AHDOUT, SHAHLA. Fanning curves of Lagrangian manifolds and geodesic flows 537

BOMBIERI, E. AND PILA, J. The number of integral points on arcs and ovals 337

BRYLINSKI, JEAN-LUC. Heights for local systems on curves 1

CARAYOL, HENRI. Sur les représentations Galoisiennes modulo ℓ attachees aux formes modulaires 785

CARBERY, ANTHONY; CHRIST, MICHAEL; VANCE, JAMES; WAINGER, STEPHEN; AND WATSON, DAVID K. Operators associated to flat plane curves: L^p estimates via dilation methods 675

CHRIST, MICHAEL; CARBERY, ANTHONY; VANCE, JAMES; WAINGER, STEPHEN; AND WATSON, DAVID K. Operators associated to flat plane curves: L^p estimates via dilation methods 675

CLEMENS, HERB. The infinitesimal Abel-Jacobi mapping and moving the $\mathcal{O}(2) + \mathcal{O}(-4)$ curve 233

COBOS, FERNANDO AND KÜHN, THOMAS. On a conjecture of Barry Simon on trace ideals 295

DIAZ, STEVEN; DONAGI, RON; AND HARBATER, DAVID. Every curve is a Hurwitz space 737

DONAGI, RON; DIAZ, STEVEN; AND HARBATER, DAVID. Every curve is a Hurwitz space 737

FABES, EUGENE B; GAROFALO, NICOLA; AND LANCONELLI, ERMANNO. Wiener's criterion for divergence form parabolic operators with C^1-dini continuous coefficients 191

GAROFALO, NICOLA; FABES, EUGENE B; AND LANCONELLI, ERMANNO. Wiener's criterion for divergence form parabolic operators with C^1-dini continuous coefficients 191

HARBATER, DAVID; DIAZ, STEVEN; AND DONAGI, RON. Every curve is a Hurwitz space 737

HAYES, SANDRA AND POURCIN, GENEVIÈVE. Dimension of holomorphic extensions of complex spaces 301

HERBST, IRA W. AND ZHAO, ZHONGXIN. Green's functions for the Schrödinger equation with short-range potentials 475

HIMONAS, ALEXANDROU A. Simirigid partial differential operators and microlocal analytic hypoellipticity 265

HOFFMAN, JEROME WILLIAM. On Kollár's vanishing theorems, I 521

HOFFSTEIN, J. AND JOCHNOWITZ, N. On Artin's conjecture and the class number of certain CM fields, I 553

HOFFSTEIN, J. AND JOCHNOWITZ, N. On Artin's conjecture and the class number of certain CM fields, II 565

IZUMI, SHUZO. The rank condition and convergence of formal functions..... 241
JOCHNOWITZ, N. AND HOFFSTEIN, J. On Artin's conjecture and the class number of certain CM fields, I..... 553
JOCHNOWITZ, N. AND HOFFSTEIN, J. On Artin's conjecture and the class number of certain CM fields, II..... 565
JONES, JOHN W. Iwasawa L-functions for multiplicative abelian varieties 399
KENIG, CARLOS E; PONCE, GUSTAVO; AND VEGA, LUIS. On the (generalized) Korteweg-de Vries equation..... 585
KONNO, KAZUHIRO. Generic Torelli theorem for hypersurfaces of certain compact homogenous Kähler manifolds..... 83
KRUST, ROMAIN. Remarques sur le problème extérieur de Plateau..... 161
KÜHN, THOMAS AND COBOS, FERNANDO. On a conjecture of Barry Simon on trace ideals..... 295
LANCONELLI, ERMANNO; FABES, EUGENE B; AND GAROFALO, NICOLA. Wiener's criterion for divergence form parabolic operators with C^1-dini continuous coefficients..... 191
LI, JIAN-SHU. Distinguished cusp forms are theta series..... 175
LONG, D. D. On the linear representation of braid groups, II..... 443
MATHIEU, OLIVIER. Filtrations of B-modules..... 421
OBERLIN, DANIEL M. Convolution estimates for some distributions with singularities on the light cone..... 747
OGATA, SHOETSU. Non-Kähler manifolds and ball-product cusp singularities. 461
ÖNSIPER, HURŞIT. Generalized Albanese varieties for surfaces in characteristic $p > 0$..... 359
PILA, J. AND BOMBIERI, E. The number of integral points on arcs and ovals .. 337
PIROLA, GIAN PIETRO. Curves on generic Kummer varieties..... 701
PONCE, GUSTAVO; KENIG, CARLOS E.; AND VEGA, LUIS. On the (generalized) Korteweg-de Vries equation..... 585
POURCIN, GENEVIÈVE AND HAYES, SANDRA. Dimension of holomorphic extensions of complex spaces..... 301
ROE, JOHN. On the quasi-invariance of L^2 Betti numbers..... 765
SCHECHTER, MARTIN. The Hampwile theorem for nonlinear eigenvalues..... 325
SEEGER, A. AND SOGGE, C. D. On the boundedness of functions of (pseudo-) differential operators..... 709
SIKORAV, JEAN-CLAUDE. Rigidité symplectique dans le cotangent de T^n..... 759
SOGGE, C. D. AND SEEGER, A. On the boundedness of functions of (pseudo-) differential operators..... 709
SPATZIER, R. J. On isospectral locally symmetric spaces and a theorem of von Neumann..... 289
TILOUINE, J. Sur la conjecture principale anticyclotomique..... 629
TREIBICH, ARMANDO. Tangential polynomials and elliptic solitons..... 611
VANCE, JAMES; CARBERY, ANTHONY; CHRIST, MICHAEL; WAINGER, STEPHEN; AND WATSON, DAVID K. Operators associated to flat plane curves: L^p estimates via dilation methods..... 675

VEGA, LUIS; KENIG, CARLOS E.; AND PONCE, GUSTAVO. On the (generalized) Korteweg-de Vries equation 585
WAINGER, STEPHEN; CARBERY, ANTHONY; CHRIST, MICHAEL; VANCE, JAMES; AND WATSON, DAVID K. Operators associated to flat plane curves: L^p estimates via dilation methods. 675
WATSON, DAVID K.; CARBERY, ANTHONY; CHRIST, MICHAEL; VANCE, JAMES; AND WAINGER, STEPHEN. Operators associated to flat plane curves: L^p estimates via dlation methods 675
WILLIAMS, MARK. Interactions involving gliding rays in boundary problems for semilinear wave equations 365
ZELDITCH, STEVEN. Trace formula for compact $\Gamma/PSL_2(\mathbb{R})$ and the equidistribution theory of closed geodesics 27
ZHAO, ZHONGXIN AND HERBST, IRA W. Green's functions for the Schrödinger equation with short-range potentials 475
ZWORSKI, MACIEJ. Sharp polynomial bounds on the number of scattering poles 311